

ENTERED



PCT10

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/088,417

DATE: 08/13/2002

TIME: 15:35:39

Input Set : A:\sequence listing.TXT  
 Output Set: N:\CRF3\08132002\J088417.raw

4 <110> APPLICANT: Woolfson, Derek  
 5 Washaw, John  
 6 Pandya, Maya  
 7 Colyer, John  
 9 <120> TITLE OF INVENTION: PROTEIN STRUCTURES AND PROTEIN FIBRES  
 12 <130> FILE REFERENCE: 000487.00012  
 14 <140> CURRENT APPLICATION NUMBER: 10/088,417  
 15 <141> CURRENT FILING DATE: 2002-03-18  
 17 <150> PRIOR APPLICATION NUMBER: PCT/GB00/03576  
 18 <151> PRIOR FILING DATE: 2000-09-18  
 20 <150> PRIOR APPLICATION NUMBER: GB9922013.9  
 21 <151> PRIOR FILING DATE: 1999-09-17  
 23 <160> NUMBER OF SEQ ID NOS: 18  
 25 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 27 <210> SEQ ID NO: 1  
 28 <211> LENGTH: 28  
 29 <212> TYPE: PRT  
 30 <213> ORGANISM: Artificial Sequence  
 32 <220> FEATURE:  
 33 <223> OTHER INFORMATION: synthetic peptides  
 35 <400> SEQUENCE: 1  
 36 Lys Ile Ala Ala Leu Lys Gln Lys Ile Ala Ser Leu Lys Gln Glu Ile  
 37 1 5 10 15  
 38 Asp Ala Leu Glu Tyr Glu Asn Asp Ala Leu Glu Gln  
 39 20 25  
 41 <210> SEQ ID NO: 2  
 42 <211> LENGTH: 28  
 43 <212> TYPE: PRT  
 44 <213> ORGANISM: Artificial Sequence  
 46 <220> FEATURE:  
 47 <223> OTHER INFORMATION: synthetic peptides  
 49 <400> SEQUENCE: 2  
 50 Lys Ile Arg Ala Leu Lys Ala Lys Asn Ala His Leu Lys Gln Glu Ile  
 51 1 5 10 15  
 52 Ala Ala Leu Glu Gln Glu Ile Ala Ala Leu Glu Gln  
 53 20 25  
 55 <210> SEQ ID NO: 3  
 56 <211> LENGTH: 28  
 57 <212> TYPE: PRT  
 58 <213> ORGANISM: Artificial Sequence  
 60 <220> FEATURE:  
 61 <223> OTHER INFORMATION: synthetic peptides  
 63 <400> SEQUENCE: 3

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64 Lys Ile Ala Ala Leu Lys Gln Lys Ile Ala Ala Leu Lys Gln Glu Ile  
65 1 5 10 15  
66 Asp Ala Leu Glu Tyr Glu Asn Asp Ala Leu Glu Gln  
67 20 25  
69 <210> SEQ ID NO: 4  
70 <211> LENGTH: 28  
71 <212> TYPE: PRT  
72 <213> ORGANISM: Artificial Sequence  
74 <220> FEATURE:  
75 <223> OTHER INFORMATION: synthetic peptides  
77 <400> SEQUENCE: 4  
78 Lys Ile Arg Ala Leu Lys Trp Lys Asn Ala His Leu Lys Gln Glu Ile  
79 1 5 10 15  
80 Ala Ala Leu Glu Gln Glu Ile Ala Ala Leu Glu Gln  
81 20 25  
83 <210> SEQ ID NO: 5  
84 <211> LENGTH: 18  
85 <212> TYPE: PRT  
86 <213> ORGANISM: Artificial Sequence  
88 <220> FEATURE:  
89 <223> OTHER INFORMATION: synthetic peptides  
91 <400> SEQUENCE: 5  
92 Tyr Gly Pro Gly Glu Ile Ala Ala Leu Glu Gln Glu Asn Ala Ala Leu  
93 1 5 10 15  
94 Glu Gln  
97 <210> SEQ ID NO: 6  
98 <211> LENGTH: 28  
99 <212> TYPE: PRT  
100 <213> ORGANISM: Artificial Sequence  
102 <220> FEATURE:  
103 <223> OTHER INFORMATION: synthetic peptides  
105 <400> SEQUENCE: 6  
106 Lys Ile Ala Ala Ile Lys Gln Lys Ile Ala Ala Leu Lys Gln Glu Ile  
107 1 5 10 15  
108 Asp Ala Leu Glu Tyr Glu Asn Asp Ala Leu Glu Gln  
109 20 25  
111 <210> SEQ ID NO: 7  
112 <211> LENGTH: 29  
113 <212> TYPE: PRT  
114 <213> ORGANISM: Artificial Sequence  
116 <220> FEATURE:  
117 <223> OTHER INFORMATION: synthetic peptides  
119 <400> SEQUENCE: 7  
120 Lys Ile Ala Ala Leu Lys Gln Ile Cys Ile Ala Ala Leu Lys Gln Glu  
121 1 5 10 15  
122 Ile Asp Ala Leu Glu Tyr Glu Asn Asp Ala Leu Glu Gln  
123 20 25  
125 <210> SEQ ID NO: 8  
126 <211> LENGTH: 28

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127 <212> TYPE: PRT  
128 <213> ORGANISM: Artificial Sequence  
130 <220> FEATURE:  
131 <223> OTHER INFORMATION: synthetic peptides  
133 <400> SEQUENCE: 8  
134 Lys Ile Ala Ala Leu Lys Gln Lys Ile Ala Ser Leu Lys Gln Glu Ile  
135 1 5 10 15  
136 Asp Ala Leu Glu Tyr Glu Asn Asp Ala Leu Glu Gln  
137 20 25  
139 <210> SEQ ID NO: 9  
140 <211> LENGTH: 28  
141 <212> TYPE: PRT  
142 <213> ORGANISM: Artificial Sequence  
144 <220> FEATURE:  
145 <223> OTHER INFORMATION: synthetic peptides  
147 <400> SEQUENCE: 9  
148 Lys Ile Ser Ala Leu Lys Trp Lys Asn Ala Ser Leu Lys Gln Glu Ile  
149 1 5 10 15  
150 Ala Ala Leu Glu Gln Glu Ile Ala Ala Leu Glu Gln  
151 20 25  
153 <210> SEQ ID NO: 10  
154 <211> LENGTH: 28  
155 <212> TYPE: PRT  
156 <213> ORGANISM: Artificial Sequence  
158 <220> FEATURE:  
159 <223> OTHER INFORMATION: synthetic peptides  
161 <400> SEQUENCE: 10  
162 Lys Ile Arg Ala Leu Lys Trp Lys Asn Ala His Leu Lys Gln Glu Ile  
163 1 5 10 15  
164 Ala Ala Leu Glu Gln Glu Ile Ala Ala Leu Glu Gln  
165 20 25  
167 <210> SEQ ID NO: 11  
168 <211> LENGTH: 29  
169 <212> TYPE: PRT  
170 <213> ORGANISM: Artificial Sequence  
172 <220> FEATURE:  
173 <223> OTHER INFORMATION: synthetic peptides  
175 <400> SEQUENCE: 11  
176 Ile Cys Ile Arg Ala Leu Lys Ala Lys Asn Ala His Leu Lys Gln Glu  
177 1 5 10 15  
178 Ile Ala Ala Leu Glu Gln Glu Ile Ala Ala Leu Glu Gln  
179 20 25  
181 <210> SEQ ID NO: 12  
182 <211> LENGTH: 29  
183 <212> TYPE: PRT  
184 <213> ORGANISM: Artificial Sequence  
186 <220> FEATURE:  
187 <223> OTHER INFORMATION: synthetic peptides  
189 <400> SEQUENCE: 12

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190 Ile Thr Ile Arg Ala Leu Lys Cys Lys Asn Ala His Leu Lys Gln Glu  
191 1 5 10 15  
192 Ile Ala Ala Leu Glu Gln Glu Ile Ala Ala Leu Glu Gln  
193 20 25  
195 <210> SEQ ID NO: 13  
196 <211> LENGTH: 28  
197 <212> TYPE: PRT  
198 <213> ORGANISM: Artificial Sequence  
200 <220> FEATURE:  
201 <223> OTHER INFORMATION: synthetic peptides  
203 <400> SEQUENCE: 13  
204 Glu Ile Asp Ala Leu Glu Tyr Glu Asn Asp Ala Leu Glu Gln Lys Ile  
205 1 5 10 15  
206 Ala Ala Leu Lys Gln Lys Ile Ala Ser Leu Lys Gln  
207 20 25  
209 <210> SEQ ID NO: 14  
210 <211> LENGTH: 7  
211 <212> TYPE: PRT  
212 <213> ORGANISM: Artificial Sequence  
214 <220> FEATURE:  
215 <223> OTHER INFORMATION: synthetic peptides  
217 <400> SEQUENCE: 14  
218 Leu Ala Ala Leu Ala Ala Ala  
219 1 5  
221 <210> SEQ ID NO: 15  
222 <211> LENGTH: 43  
223 <212> TYPE: PRT  
224 <213> ORGANISM: Artificial Sequence  
226 <220> FEATURE:  
227 <223> OTHER INFORMATION: synthetic peptides  
229 <400> SEQUENCE: 15  
230 Lys Ile Ala Ala Leu Lys Gln Lys Ile Ala Ser Leu Lys Gln Glu Ile  
231 1 5 10 15  
232 Asp Ala Leu Glu Tyr Glu His His Asp Ala Leu Glu Gln Lys Ile Ala  
233 20 25 30  
234 Ala Leu Lys Gln Lys Ile Ala Ser Leu Lys Gln  
235 35 40  
237 <210> SEQ ID NO: 16  
238 <211> LENGTH: 42  
239 <212> TYPE: PRT  
240 <213> ORGANISM: Artificial Sequence  
242 <220> FEATURE:  
243 <223> OTHER INFORMATION: synthetic peptides  
245 <400> SEQUENCE: 16  
246 Glu Ile Ala Ala Leu Glu Gln Glu Ile Ala Ala Leu Glu Gln Lys Ile  
247 1 5 10 15  
248 Arg Ala Leu Lys Ala Lys Gln Ala Lys Leu Lys Gln Glu Ile Ala Ala  
249 20 25 30  
250 Leu Glu Gln Glu Ile Ala Ala Leu Glu Gln

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256 <213> ORGANISM: Artificial Sequence  
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259 <223> OTHER INFORMATION: synthetic peptides  
261 <400> SEQUENCE: 17  
262 Glu Ile Asp Ala Leu Glu Tyr Glu Gln Asn Asp Ala Leu Glu Gln Lys  
263 1 5 10 15  
264 Ile Ala Ala Leu Lys Gln Lys Ile Ala Ser Leu Lys Gln  
265 20 25  
267 <210> SEQ ID NO: 18  
268 <211> LENGTH: 29  
269 <212> TYPE: PRT  
270 <213> ORGANISM: Artificial Sequence  
272 <220> FEATURE:  
273 <223> OTHER INFORMATION: synthetic peptides  
275 <400> SEQUENCE: 18  
276 Lys Ile Arg Ala Leu Lys Ala Lys Phe Asn Ala His Leu Lys Gln Glu  
277 1 5 10 15  
278 Ile Ala Ala Leu Glu Gln Glu Ile Ala Ala Leu Glu Gln  
279 20 25

**VERIFICATION SUMMARY**

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Input Set : A:\sequence listing.TXT

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